

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES		
2. AMENDMENT/MODIFICATION NO 0001		3. EFFECTIVE DATE 7 June 10		4. REQUISITION/PURCHASE REQ NO.		5. PROJECT NO (If applicable)	
6. ISSUED BY FAA, MIKE MONRONEY AERONAUTICAL CENTER Aviation, Medical, & Training Team (AMQ-310) P O BOX 25082 OKLAHOMA CITY OK 73125			7. ADMINISTERED BY (If other than Item 6) CODE				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) (ALL OFFERORS)			(X) <input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO DTFAAC-10-R-03687 9B. DATED (SEE ITEM 11) 2 June 10 10A. MODIFICATION OF CONTRACT/ORDER 10B. DATED (SEE ITEM 13)				
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
(x)The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [xx] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning [1] copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES(such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor [] is not, [X] is required to sign this document and return [1] copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
The purpose of this amendment is to revise section C. (Attached) Section C revision supercedes the previous version in it's entirety. The closing date remains unchanged.							
15B. CONTRACTOR/OFFEROR			15C. DATE SIGNED		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
(Signature of person authorized to sign)					16B. UNITED STATES OF AMERICA BY: (Signature of Contracting Officer)		
					16C. DATE SIGNED		

PART I - SECTION C - DESCRIPTION/SPECS/WORK STATEMENT**C.1 PERFORMANCE WORK STATEMENT****A. PROJECT/TITLE**

Introduction to Weibull and Risk Analysis Methods Training for Aircraft Certification Engineers employed by the Aircraft Certification Service of the Federal Aviation Administration (FAA).

B. BACKGROUND

Under Title 49 of the United States Code (49 U.S.C.), the FAA is authorized to train employees as necessary in the exercise and performance of the powers and duties of the Administrator. The interests of the public, the safety of the workforce, and the credibility of the organization are best served by having qualified, proficient, and current inspectors conducting surveillance, testing, and checking functions.

C. SCOPE

The contractor is to provide instructors, facilities, training materials, and training to FAA engineers in Weibull and Risk Analysis Methods. The contractor may provide this training through their standard course offered to the public or other governmental agencies or by submitting a course solely intended for FAA engineers.

Student quotas for these courses will be assigned by the Aircraft Certification Service – Planning and Program Division AIR-500. FAA formal training consists of training courses with agency level course numbers that will be officially recorded in the employee's personnel records. Class size will be determined by the contractor with a maximum of twenty (20) FAA employees in each class. All travel and per diem costs are the responsibility of the FAA.

D. DEFINITIONS

The following definitions are used to define the terminology contained herein and are applicable as required by Title 14 of the Code of Federal Aviation Regulations (14 CFR):

1. Contracting Officer (CO): The person authorized to act on behalf of the Government to negotiate and award contracts and modifications thereto, and to administer contracts through completion or termination. Except for certain limited authority delegated by the Contracting Officer to a technical representative, the Contracting Officer is the only individual with the authority to direct the work of the Contractor.
2. Contracting Officer's Technical Representative (COTR): The authorized Government representative(s) acting within the limits of their delegated authority for management of specific projects or functional activities.
3. FAA: Federal Aviation Administration, a component agency of the U.S. Department of Transportation

E. APPLICABLE DOCUMENTS

Appendix A - Certification of Training and Course Evaluation. Sample attached.

F. GENERAL REQUIREMENTS**1. Daily Sessions**

When possible, training shall be conducted on a one-shift basis eight hours per day. To the maximum extent possible, training should not start on a Monday, a day following a federal holiday, nor be conducted on a weekend. Training is to be continuous during these days except for federally established holidays. Local or state holidays

shall not interrupt the training period. Normal hours of training should not begin later than 9:00 a.m. Should a requirement exist to change either the hours or days of training indicated, the change must be coordinated in advance with the FAA COTR.

2. Student Completion Reports

Upon completion of all training, the contractor shall issue a Certificate of Training (Appendix A). The FAA student shall sign the certificate certifying the type of training provided, specific dates, and the duration of such training. One copy of each such certificate shall be submitted to the COTR.

3. Level of Training

FAA personnel are expected to perform at a level compatible, with the highest standards of the specialty. Accordingly, each course of instruction shall adhere to the adult learning principles, which include but are not limited to:

- a. Focus the training on "Real World" situations and applications.
- b. Emphasize how the training can be applied.
- c. Relate the training to the instructional objectives.
- d. If possible, relate the training materials to the FAA employees past experience.
- e. Allow reasonable debate and challenge of ideas.
- f. Encourage FAA employees to be resources to one another.

4. Training Facilities

The facility used for training must be located in the United States and within 25 miles of a major airport serviced by at least one major US air carrier. In addition, training facilities must comply with the following:

- a. Classrooms must be large enough to accommodate at least the entire class plus one observer, with either desks or tables large enough to allow the students to be able to take notes and still have space for them to keep their reference books open during lecture periods. Student chairs must be ergonomically appropriate for 8-hour occupancy.
- b. Sufficient presentation boards for effective teaching shall be provided.
- c. The classroom shall be well lighted. There shall be not less than 30 foot-candles of illumination at the student's desk or table.
- d. The classroom shall be cleaned not less than two times each week of instruction.
- e. Sanitary restroom facilities shall be available within convenient distance of the classroom.
- f. The classroom facilities shall be adequately ventilated; heated in winter and cooled in summer. Temperature range shall not exceed 68 to 74 degrees, Fahrenheit.
- g. Ambient noise shall be below the distraction point. At any position in the classroom, normal instructor voice levels should exceed the ambient noise level by 20 decibels.
- h. Contractor shall comply with safety standards specified by the National Electrical Code, the National Fire Code, and the United States of America Standards Institute in conducting contract training. Each class shall receive a briefing on safety and security procedures to ensure proper egress in the event of any foreseeable emergency.
- i. Local environmental distraction adversely affecting student learning shall be eliminated.
- j. Adequate free student parking shall be available near the training site.
- k. Visual aids used in the classroom to describe specific aircraft system or aircraft components shall be legible, visible from each student station, and color enhanced as necessary to show each system operating mode.

5. Qualifications

a. At a minimum, the vendor must provide 24 hours of instruction that will provide engineers with an understanding of risk analysis and forecasting, Weibull techniques on failure analysis, and risk modeling. At the end of the course students must be fully qualified to conduct Weibull analyses. Various computer programs for Weibull analysis may be demonstrated, but the primary emphasis of the training must not be specific to any particular computer software.

b. Persons utilized as instructors in this course must be professional engineers with a minimum of ten years of industry experience and three years of teaching experience. Instructors must possess at least a Bachelor of Science degree in Engineering or a related field and have a minimum of five years of experience applying Weibull analysis techniques.

6. Training Requirements

(a) All instruction shall be presented by a qualified instructor in a classroom environment. If Computer-Based Instruction (CBI) is used to accomplish ground school training then the following requirements shall be met:

- (1) Students shall receive a thorough briefing on the operation and use of the CBI equipment.
- (2) At least one instructor shall be present or readily accessible by electronic means to resolve any problems or questions that the student may have regarding the material presented in the CBI program.
- (3) All material presented by CBI shall be reviewed and reinforced by a qualified instructor in classroom discussion or one-on-one with the student.

(b) In the event the FAA student fails to report for training as scheduled, or should become ill, injured or incapacitated during the training period the contractor shall promptly notify the COTR and the student's emergency contact if known.

(c) In the event a student does not complete the full course provided for in the schedule, the contractor shall invoice the FAA for only that pro rata portion of training actually completed per Paragraph F (2)(c) of this PWS and as certified on the Certificate of Training (Appendix A).

(d) The contractor shall notify the COTR of the student's completion status within 5 working days after completion of the training program.

(e) Upon completion of all training, the contractor shall issue a Certificate of Training (Appendix A). The FAA student shall sign the certificate certifying the type of training provided, specific dates, and the duration of such training. One copy of each such certificate shall be submitted to the COTR.

G. PERFORMANCE REQUIREMENTS FOR TRAINING COURSES

1. As part of the proposal, the contractor must submit:

- A training syllabus in sufficient detail to determine compliance with the requirements specified in sections C and F.5 (a) of this performance work statement (PWS).
- A description of the training aids and facilities in sufficient detail to determine compliance with the requirements of section F.4 of this PWS.
- Proposed training hours in compliance with sections F.1 and F.5 (a) of this PWS.
- Resumes for all instructors to be utilized in this training in sufficient detail to determine compliance with section F.5 (b) of this PWS.
- The proposed number of training days expected to be required to complete all training and testing for each course.

2. Deliverables

The contractor shall:

- At least two weeks prior to any course, provide each registered student with the training site address, map and/or directions to the training site, a local point of contact and telephone number, and commercially available lodging near the training site.
- Provide training as specified in their submitted training syllabus.
- Provide the hours of training proposed in Schedule B.
- Commence training upon the student's arrival at the contractor's facility on the date and time agreed upon.
- Provide a copy of the syllabus, training schedule and course description, course reference book and any other needed course materials to each student on the first training day of each training course.
- Complete the training within the proposed number of training days barring unforeseen circumstances beyond the control of the contractor.
- Provide the COTR with a completed certificate of training signed by both the student and the contractor's instructor and the course critique (Appendix A) within 5 calendar days of the completion of the training.